

**EXPRESS MAIL NO. EV301025656US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel F. SIEVENPIPER,	)	Re: Information Disclosure
et al.	)	Statement
Serial No.: Not yet assigned	)	
	)	Group: Not yet assigned
Filed: Concurrently herewith	)	Examiner: Not yet assigned
	)	
For: "PLANO-CONVEX ROTMAN LENSES,	)	Our Ref: B-4805NP 621580-7
AN ULTRA WIDEBAND ARRAY	)	
EMPLOYING A HYBRID LONG SLOT	)	Date: February 6, 2004
APERTURE AND A QUASI-OPTIC	)	
BEAM FORMER"	)	

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits.

Copies of the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

If any fees are due, please charge our Deposit Account No. 12-0415 or credit any overpayment to our Account No. 12-0415. No fees should be due because this Information Disclosure Statement is being filed concurrently with the above-identified U.S. patent application.

Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (2 pages)  
Copies of documents listed in Form PTO-1449 (modified)

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<b>Form PTO-1449 (Modified)</b>	<b>ATTY DOCKET NO.</b> B-4805NP 621580-7	<b>U.S. SERIAL NO.</b> not yet assigned
<b>LIST OF PATENTS AND PUBLICATIONS STATEMENT</b>	<b>APPLICANT(S)</b> Daniel F. SIEVENPIPER, et al.	
	<b>FILING DATE</b> concurrently herewith	<b>GROUP</b> not yet assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	5,952,966	09/1999	Smith	342	373	
	6,262,495	07/2001	Yablonovitch, et al.	307	101	
	6,366,254	04/2002	Sievenpiper, et al.	343	770	
	6,384,797	05/2002	Schaffner, et al.	343	795	
	6,426,722	07/2002	Sievenpiper, et al.	343	700MS	
	6,433,756	08/2002	Sievenpiper, et al.	343	909	
	6,483,480	11/2002	Sievenpiper, et al.	343	909	
	6,483,481	11/2002	Sievenpiper, et al.	343	909	
	6,496,155	12/2002	Sievenpiper, et al.	343	770	
	6,518,931	01/2003	Sievenpiper	343	770	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Park, Y.J., and Wiesbeck, W., "Angular Independency of a Parallel-Plate Luneberg Lens With Hexagonal Lattice and Circular Metal Posts," IEEE Antennas and Wireless Proagation Letters, Vol. 1, pp. 128-130 (2002).	
	<i>Reference Data for Engineers: Radio, Electronic, Computer, and Communications</i> , Seventh Edition, Howard W. Sams & Company, pp 32-39 - 32-41 (1988)	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.